I ST And Final Bill Work Code - 005-20-000107

M. A. R. 57 (Rule 116) EST Cost Rs - 35.00 Lakhs

Measurement Book **No. B**

Serial No. ..... Drilling & Borewell And Providing Pump

Name of Work ...And Motor and From laying Pipe line At Various To 500926

Name of Contractor of nature of Agency ...Places in Ward No. 05 Byatarayanapura

Date of commencement of work ...Sub division.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No.. BBMP/EE/BTP/WO/85/2020.21						
	Name & Contractor. Sri. Nataraj. T. No. 02 I st Main Amarjyothi Layout RT Nagara. Bangalore - 32.						
(1)	Geophysical investigation & Site for Sinking borewell for Supplying Drinking Water to the habitation either through the hand Pump MWS or PWSS by vertical electrical						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sounding by adopting rammer or screw sampling method including reconnaissance survey & geological formation & geological investigation & crossing grain water in vicinity by quality assurance & acceptance & the results indicating the location & the recommended depth of casing pipe required to be seal the pervious saturated formation for proper sealing of casing pipe depth & driving required to cover below depth & casing proposed to be lapped proposed feed and other information required including transportation etc.. complete.						
	Rate - 1938:00					4 Nos	7752:00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500927

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
②	Sinking & boring well of 165 mm dia clear using Super Pass hydraulic unit of capacity 200 PSI and above 900 CMF and above in all strata including over burden upto 20 mtr & fixing & casing pipes Coconut and Coir with necessary cutting wear ring and welding including transportation & unloading stacking vertical over carriage & cartage & consumables etc. complete including steel passing as per final depth with minimum vibration & compressor serve one two Coconut Coir etc.. 0 to 50.00 mtr. Rate. 315=00					200.00 Mtr	63000=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	50 to 100 MW.					200.00 MW	
	Rate. 412:00					82400:00	
(4)	100 to 150.00 MW					200.00 MW	
	Rate. 458:00					91600:00	
(5)	150 to 200.00 MW					200.00 MW	
	Rate. 484:00					96800:00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500928

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	200 to 250.00 MM Rate. 560:00					200.00 MM 112000:00	
(7)	250 to 300.00 MM Rate. 600:00					200.00 MM 120000:00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	300 to 370.00 M/M Rate. 622:00					276.00 M/M 171672:00	(10)
(9)	Supplying 3131 Nos 175 mm Nominal bore medium black ERW Casing Pipe & 5 mm thick Electric resistance welded mild Steel tube manufactured from hot rolled Steel Steel Strips in Random lengths & 4 to 7 mm bevel ends screwed Conforming to IS 554/1985 one End Coupling & all Taxes). Rate. 1364:00					239.00 M/M 325996:00	(11) (12)

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 500929

erial No. .....

lame of Work ..... From..... To.....

lame of Contractor of nature of Agency .....

)ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Providing and fixing 200 mm dia PVC Pipes and as per specification and direction. Rate. 1133:00					40.00 Mtr	45320:00
(11)	175 mm dia MS Casing Cap. Rate. 103:00					4 Nos	412:00
(12)	MS Casing Pipe Coupons. C class. Rate. 154:00					36 Nos	5544:00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Fabricating supplying and mounting M.S box of 16 SWG suitable for floor/wall mounting fully weather proof with provision for passing mains duly providing with hinged front cover complete with proof locking arrangements with suitable clamps with necessary cable entry pipe with glands and shall be given 2 coats of red oxide primer and finally finished 2 coats of red oxide primer paints and finished with approved colour enamel metal paints etc. complete.						
	Rate. 0:34					88000.00 Sqcm 2992.0:00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500930

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Labour Charges for erection & new / repaired Submersible Pump Set along with GI Pipes (32/50 mm) Cable (new Submersible Pump Set is required will be supplied by the department free of cost and released Pump Set should be handed over to department) including transportation each length - 6.00 mtr)					180 Length	
	Rate - 90:00						16200:00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(15)	Erection of Combined Panel board meter board with all necessary material and Copper Circuit providing CC 1:3:6 Boundaries Bed etc. complete for Basement Outdoor type (MR).						(17)
	Rate · 475 : 00					4 Nos	1900 : 00
(16)	Supplying and fixing 5 Porcelain fuse Channel with cut outs on existing wooden Panel using necessary nuts bolts and Washers etc.						(18)
	Rate · 150 : 00					12 Nos	1800 : 00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500931

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(17) Supplying and laying 2 Nos 4 core heavy Aluminium Conductor PVC insulated shielded galvanised steel wire duly armoured cable with PVC outer sheathing 1.1 kV class 4 Core 16 Sqmm Cable. Rate. 169:00					120.00 Mtr 20280:00	
	(18) Digging of trenches 0.6mm x 0.90 Mts Wide reducing the trenches to the required ground level and Consolidating etc. Complete Keeping Proper Supervision etc. Complete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per Specification and direction of the Engineer incharge of the work.						
	Rate · 56 : 00					120.00 Mtr	
							6720 : 00
(19)	Supplying and fixing class. A GI Pipe on Pole/wall Drain crossing with necessary Clamping arrangement & 2 Cx Cable & 1.1 KV Class 40 mm.						
	Rate · 294 : 00					12.00 Mtr	
							3528 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500932

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(20)	Supplying and fixing Wiring earth electrode for grounding Conductor LC cubicle and other equipments on the meter board using 40 mm dia 2.90.					4 Nos	
	Rate · 1699 : 00						6796 : 00
(21)	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV cable 16 Sq mm 2Cx Cable fixed with necessary fittings/insulated Compound Complete with Terminal						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Clamps bolts nuts and washers etc. complete					4 Nos.	
	Rate · 271 : 00						1084 · 00
(22)	Supplying and fixing 8 polished wood board made & not less than 15 mm thick planks or battens with planks made up on not more than 2 pieces and fixing the same to wall with 4 inverted wooden plugs screws etc. size 20 x 20 x 25 cm complete					4 Nos.	
	Rate · 311 : 00						1244 · 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500933

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(23)	Bore well cap and clamp set. complete					4 Nos.	
	Rate · 1800 : 00						7200 · 00
(24)	Supply and delivery of 5 hp brand new Texmo/ Innoval/ Lubi/ Sabar/ Atlanta/ Calamel/ Waterman Radha make suitable HP deep well Submersible Pump Suitable for Vertical installation from 15 cm dia bore well comprising of single stage or multi stage CI pump						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Close Coupled by means of Stainless Steel coupling to Suitable HP Centrifugal Speed Booster exceeded and fixed with pump Driving Water Cooled Cast Submersible Induction motor Suitable for operation of 3 PH 50 HZ 380/440 Volts AC Supply fitted with required accessories such as Suction Casing Strainer Sand guard Non return valve etc. Complete the pump and motor shall from an integral unit with all the required fittings					4 Nos.	288504.00
	Rate. 72126.00						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500934

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(25)	Providing laying and jointing to IS Specification of approved Socket as Coccent bends elbows tees with threads using White Lead wherever necessary as per direction Engineer in Charge lead and Nitre etc. complete A Grade (exceeding 200 mm dia)					1348.00 Mtr.	611 Pipes Conforming with Fittings Plugs with threads Rubber joints 559420.00
	Rate. 415.00						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(26)	Supplying and fixing Collar for GI Pipes socket Rate. 180:00					224 Nos 40320:00	
(27)	Supplying & Submersible Pump Cable 1x3x6.0 sqmm. Rate. 144:00					2920.00 Mtr 420480:00	
(28)	Supplying and delivery of Site brand new / second Class Servicing / Assembly / Use Complete set with Starter Control						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500935

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof sheet shall have two lockable doors suitable for operation on 3PH 50 Hz. 380/440 Volts AC Supply with spring loaded cabin locking with a key rising shall be provided inside the door canopy apron and covering metal shall be provided on 3PH 50 Hz 380/440 AC Supply shall be considered use. complete set with Pumpset as above 20 HP with star delta starter (MR). Rate. 21000:00					4 Nos 84000:00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(29)	Supplying and delivery & Brand 50 mm Gate Valve.					4 No.	
	Rate · 1800 : 00						7200 : 00
(30)	Supplying and delivery & Brand 50 mm non Return Valve.					4 No.	
	Rate · 1800 : 00						7200 : 00
(31)	Supplying and fixing MCB.					4 No.	
	Rate · 900 : 00						3600 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500936

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(32)	GI Pipes 40 mm A class for Electrical Race.					8.0 Mtr	
	Rate · 400 : 00						3200 : 0
(33)	Pot Head.					4 No.	
	Rate · 360 : 00						1440 :
(34)	Earth work Excavation for Foundations & Build						
	Water Supply Sanitary Lines and electrical Cond						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	excavation in pits or trenches 1.00 mtrs and above in width in ordinary soil not exceeding 1.00 mtr depth including dressing the sides and ends & pits and trenches shoveling the excavated soil clear from edges & excavation work carried with 30 mtr after breaking & clods complete as per specification.						
	Rate · 316:00					405.20 M³	
						128264:00	
(35)	Providing and installing as per & marks 63 mm (0.662) PVC Pipes B class including						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500937

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cost & Pipes and specials and labour including/lowering in trenches laying true to line level and refilling as per specification leave pipes including jointing & approved type with cost labour and refilling trenches including encasing the pipe around to a depth not less than 15 cm with gravel or selected earth available from the excavation.						
	Rate · 394:00					902.00 M³	
						355388:00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26	Receiving all lose earth around pipeline cables in layers not exceeding 20cms in depth compacting each deposited layer by rammin after watering WD Lead upto 50 mtr and upto 1.00 mtr including cost & all charges complete as per Specification.						
						405.90 M	3 51955.20
	Rate · 128 : 00						
	BESCOM charges.						
	① Venkateshwara Layout. Revenue Fees.	1	x 182 : 00				182 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500938

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Meser charge.	1	x 2211 : 00				2211 : 00
	Deposit charge	1	x 8230 : 00				8230 : 00
	② Pooja Mahalakshmi Layout						
	Revenue Fees.	1	x 182 : 00				182 : 00
	Meser charge	1	x 2211 : 00				2211 : 00
	Deposit charge	1	x 8230 : 00				8230 : 00
	③ Kattigenahalli Ramanjineya Layout						
	Revenue Fees.	1	x 182 : 00				182 : 00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Meter Charge		1 Y 2211.40				2211:40
	Deposit Charge		1 X 8230.00				8230:00
						Bescom Deposit Rs.	31869:40
	Total 3 other SR items (SL No. 1 to 22 and 37)					including GST Rs.	1243837:00
	Total PWD SR 2018.19 item (SL No 23 to 36)						195485200
	Add 12% GST on PWD SR 2018.19						23458200
						Total Rs -	3433271:40

17/12/2020
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೆಸ್ಕಾಂ ಉಪ ವಿಭಾಗ

17/12/2020
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೆಸ್ಕಾಂ ಉಪ ವಿಭಾಗ

17/12/2020
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೆಸ್ಕಾಂ ಉಪ ವಿಭಾಗ

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

500939

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate cfc 2020 (1) (2) (7/10/2020 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ	Certify that the work done satisfactory This bill Amount has not been claimed in any of previous bill. 2020 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24				

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